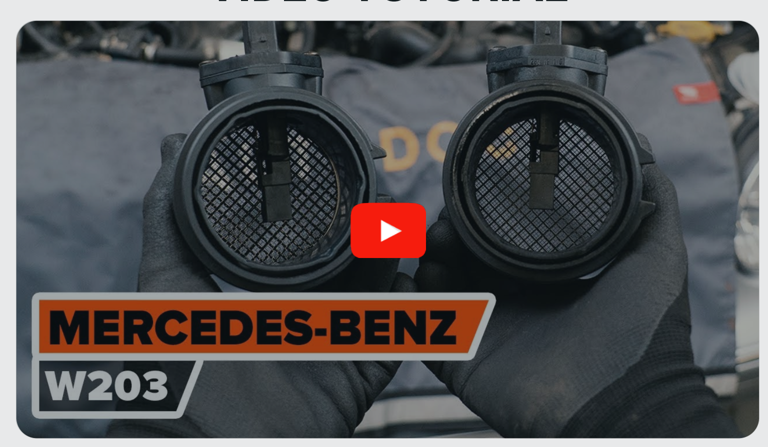
AUTODOC CLUB

How to change mass air flow sensor on **Mercedes W203** – replacement guide





VIDEO TUTORIAL

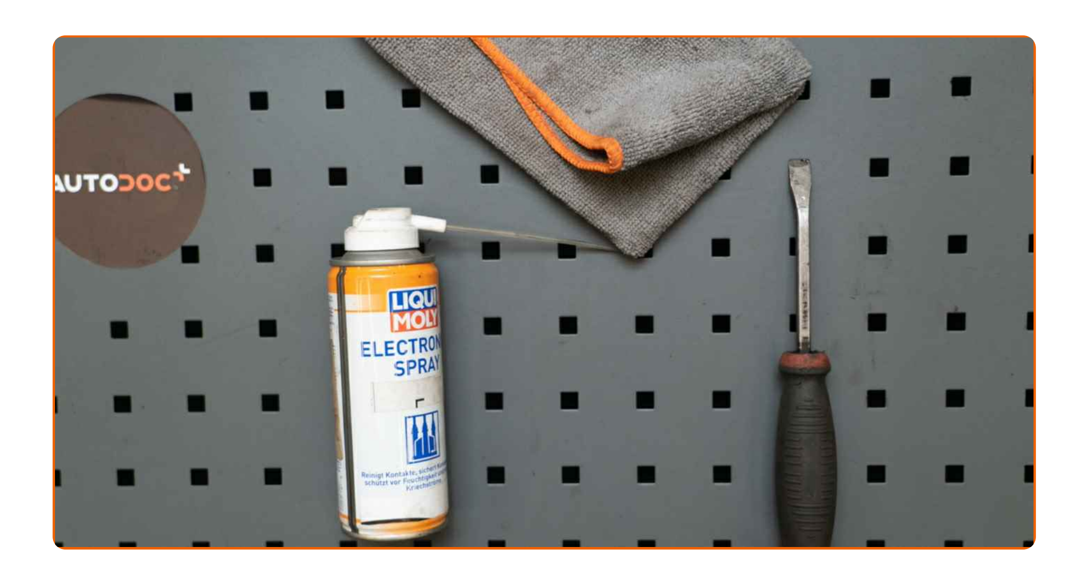


Important!

This replacement procedure can be used for:
MERCEDES-BENZ E-Class Saloon (W210) E 280 (210.063), MERCEDES-BENZ E-Class Saloon (W210) E 280 4-matic (210.081), MERCEDES-BENZ E-Class Saloon (W210) E 320 (210.065), MERCEDES-BENZ E-Class T-modell (S210) E 280 T 4-matic (210.281), MERCEDES-BENZ E-Class T-modell (S210) E 320 T (210.265), MERCEDES-BENZ E-Class T-modell (S210) E 320 T 4-matic (210.282), MERCEDES-BENZ E-Class Saloon (W210) E 320 4-matic (210.082), MERCEDES-BENZ CLK (C208) 320 3.2 (208.365), MERCEDES-BENZ C-Class T-modell (S202) C 240 T (202.086), MERCEDES-BENZ C-Class T-modell (S202) C 280 T (202.089), MERCEDES-BENZ C-Class Saloon (W202) C 240 (202.026), MERCEDES-BENZ C-Class Saloon (W202) C 280 (202.029), MERCEDES-BENZ E-Class T-modell (S210) E 280 T (210.263), MERCEDES-BENZ E-Class Saloon (W210) E 240 (210.061), MERCEDES-BENZ E-Class T-modell (S210) E 240 T (210.261), (+ 21)

The steps may slightly vary depending on the car design.

REPLACEMENT: MASS AIR FLOW SENSOR – MERCEDES W203. TOOLS YOU NEED:



- Electronic spray
- Crow bar
- Microfibre towel
- Fender cover

BUY TOOLS



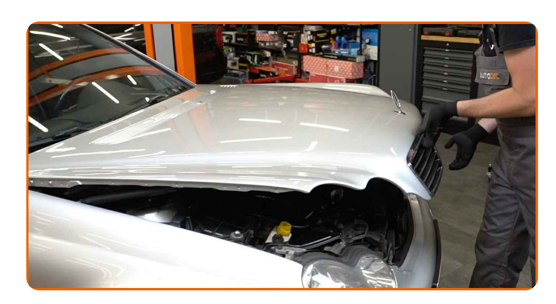


Replacement: mass air flow sensor – Mercedes W203. AUTODOC experts recommend:

- Clear the trouble codes from the electronic control unit if necessary.
- Make sure that no dust or dirt gets into the air duct components and the throttle body.
- All work should be done with the engine stopped.

REPLACEMENT: MASS AIR FLOW SENSOR – MERCEDES W203. TAKE THE FOLLOWING STEPS:

1 Open the bonnet.



2 Use a fender protection cover to prevent damaging paintwork and plastic parts of the car.

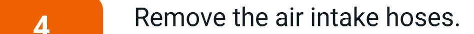


3 Remove the engine cover.

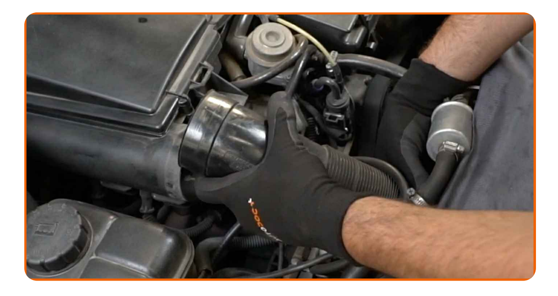


AUTODOC recommends:

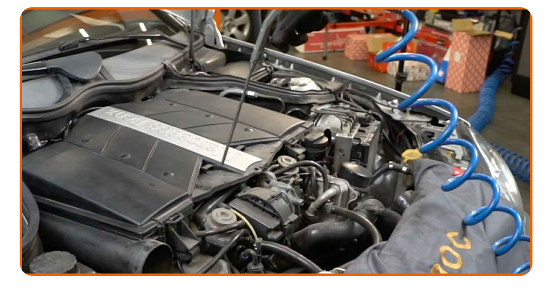
- Replacement: mass air flow sensor – Mercedes W203. Do not use excessive force when removing the part as this may damage it.



4 Remove the air intake hoses.



5 Clean the air filter cover and housing.



6 Remove the air filter housing.

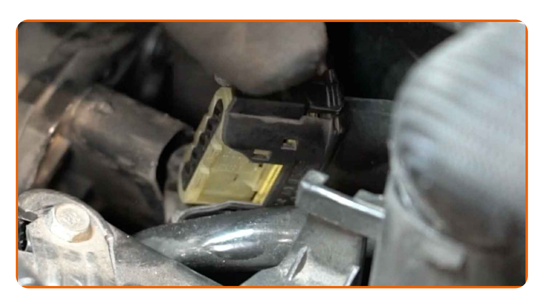


AUTODOC recommends:

- Replacement: mass air flow sensor – Mercedes W203. Do not use excessive force when removing the part as this may damage it.



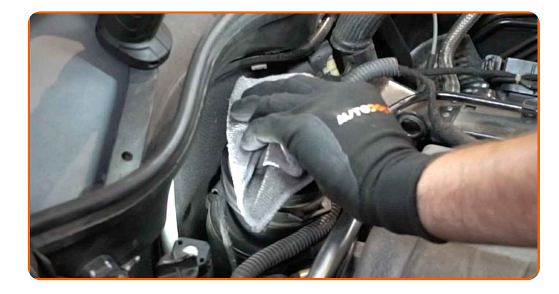
7 Detach the mass air flow sensor connector.



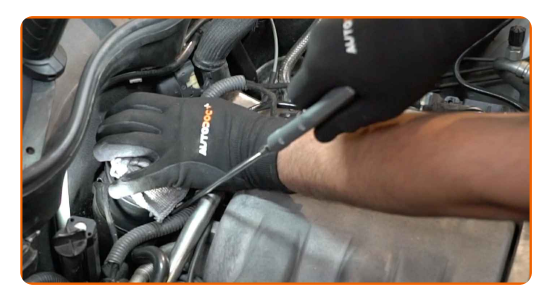
8 Release the mass air flow sensor retaining clips. Use a crowbar.



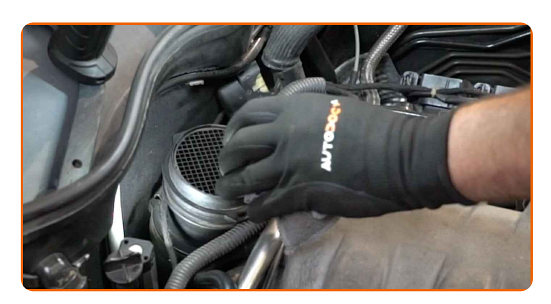
9 Cover the throttle body with a microfibre towel to prevent dust and dirt from getting into the system.



10 Clean the mounting seat of the mass air flow sensor.



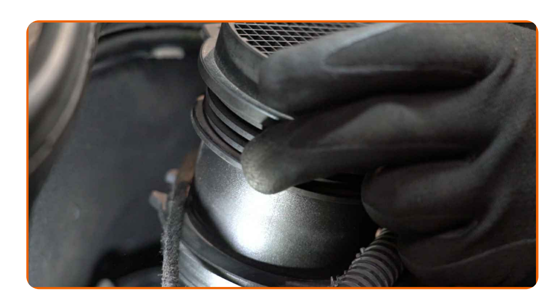
11 Remove the microfibre towel from the throttle body.



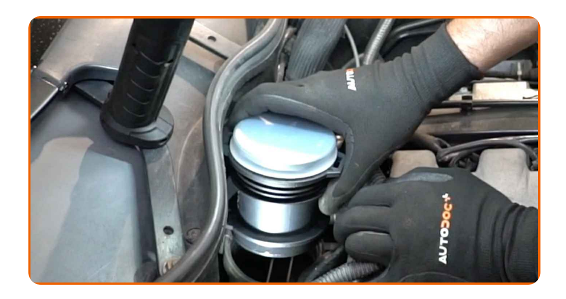
12 Release the mass air flow sensor retaining clips. Use a crowbar.



13 Remove the mass air flow sensor.



14 Install a new mass air flow sensor. Make sure you hear a click indicating that it is locked in place.



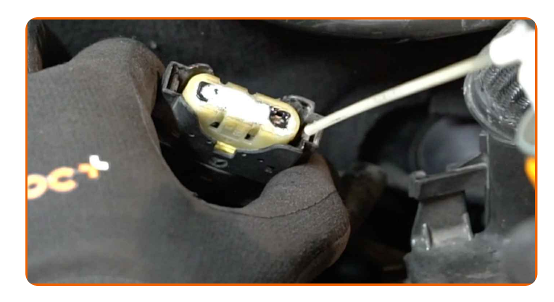




15 Lock the mass air flow sensor retaining clips.



16 Treat the mass air flow sensor connector. Use dielectric grease.



17 Attach the mass air flow sensor connector.



18 Install the air filter housing.



AUTODOC recommends:

- Replacement: mass air flow sensor – Mercedes W203. To avoid damaging the part during installation, do not use excessive force.





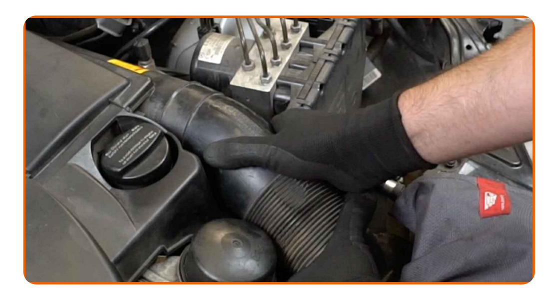
19 Install the engine cover and secure it.



AUTODOC recommends:

- Make sure the engine cover is properly seated. It should not be displaced with respect to the guiding fasteners and the throttle body air intake hose.
- Replacement: mass air flow sensor – Mercedes W203. Do not use excessive force during installation. This may damage the part.

20 Reinstall the air intake hoses.



21 Run the engine for a few minutes. This is necessary in order to make sure that the component operates properly.



22 Shut off the engine.







23 Remove the fender protection cover.



24 Close the hood.



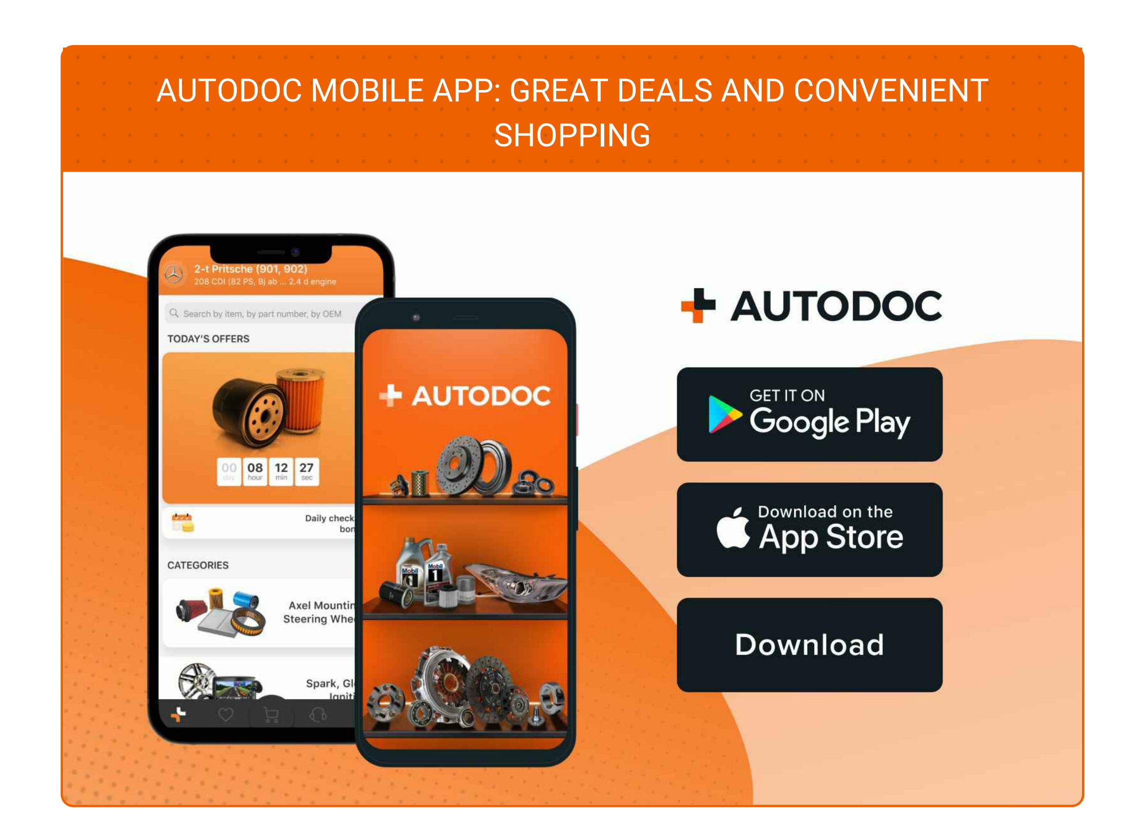
WELL DONE!







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